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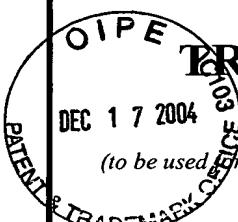
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PTO/SB/21 (6-99)

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TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number **09/989,735**

Filing Date **November 19, 2001**

First Named Inventor **Ashkenazi, et al.**

Group/Art Unit **1647**

Examiner Name **Landsman, Robert S.**

Attorney Docket Number

39780-2730P1C61

ENCLOSURES (check all that apply)

Fee Transmittal Form

Fee Attached

Amendment / Response

After Final

Version with Markings Showing Changes

Affidavits/declaration(s)

Extension of Time Request

Information Disclosure Statement

Certified Copy of Priority Document(s)

Response to Missing Parts/ Incomplete Application

Response to Missing Parts under 37 CFR 1.52 or 1.53

Assignment Papers
(for an Application)

Drawing(s)

Licensing-related Papers

Petition Routing Slip (PTO/SB/69) and Accompanying Petition

Petition to Convert to a Provisional Application

Power of Attorney, Revocation Change of Correspondence Address

Terminal Disclaimer

Small Entity Statement

Request for Refund

After Allowance Communication to Group

Appeal Communication to Board of Appeals and Interferences

Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

Proprietary Information

Status Letter

Additional Enclosure(s)
(please identify below):

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Remarks

AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT 08-1641 FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER (Reference Atty. Docket No. 39780-2730P1C61).

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm
or
Individual name

DAPHNE REDDY, Reg. No. 53,507, HELLER EHRLMAN WHITE & McAULIFFE LLP

Signature

Date

DECEMBER 17, 2004

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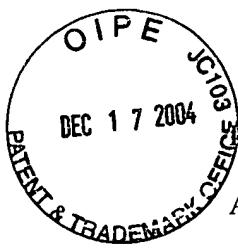
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:) Examiner: Landsman, Robert S.
Avi J. ASHKENAZI, et al.)
Application Serial No. 09/989,735) Art Unit: 1647
Filed: November 19, 2001) Confirmation No. 2513
For: NUCLEIC ACIDS ENCODING) Attorney's Docket No. 39780-2730 P1C61
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AMENDMENT AND RESPONSE TO OFFICE ACTION

MS: AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office Action mailed on September 17, 2004 in connection with the above-identified patent application, please enter the following amendments, and consider the following arguments. This response is timely filed within the shortened statutory period set for the response. Please enter the following amendments, and consider the following arguments.

Amendments to the Claims are reflected in the listing of claims that begins on page **2** of this paper.

Remarks/Arguments begin on page **6** of this paper.